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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Hagiwara

Serial No.: 09/803,819

Group Art Unit: 2862

Filed: March 13, 2001

Examiner: To be assigned

For: NRM LOGGING USING TIME-DOMAIN AVERAGING

Attorney Docket No.: 7420-081

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent Office of all references coming to the attention of the applicant or attorneys or agents for Applicant which are or may be material to the examination of the subject application, Attorneys for Applicant hereby invite the Examiner's attention to the references listed on the accompanying revised PTO Form 1449 entitled "List of References Cited by Applicant".

Identification of references listed on the attached Form is not to be construed as an admission of applicant or his attorneys that such references are available as "prior art" against the subject application. The right is reserved to antedate any item in accordance with standard procedure.

This submission is understood to supplement the results of the Examiner's own independent search. The submission should not be construed as a representation that a search was made, or that the cited items are inclusive of all the relevant and material citations that may be available publicly.

Applicant respectfully requests that the references listed on the attached Form 1449 be made of record in the file history of the above-captioned application by the Examiner's completion of the enclosed PTO Form 1449.

This filing is made pursuant to 37 C.F.R. § 1.97(b). No fee is believed to be due with the submission of this Information Disclosure Statement. However, should a fee be required, the Commissioner is authorized to charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150.

Date October 3, 2001

Respectfully submitted,

for Oguzan V. Shenton, R.N. 38,051
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Enclosures